

PATENT
Atty. Dkt. No. CRUW0025

REMARKS

This is intended as a full and complete response to the Office Action dated November 1, 2005, having a shortened statutory period for response extended one month set to expire on March 1, 2006. Please reconsider the claims pending in the application for reasons discussed below.

Interview Summary

On February 7, 2006 an interview was conducted with the Examiner, Chance Hardie, Jason Huang and Simon Harrall. Claims 1, 41, 87 and 89 as presented herein were discussed with reference to *Simpson* '678, *Badrak* '075 and *Baugh* '724. As indicated in the Examiner's interview summary, this response overcomes the prior art of record.

Specification

The title has been changed to Bore-Lining Tubing and Method of Use as suggested by the Examiner. Accordingly, Applicant requests removal of the objection.

Claim Objections

Claims 2, 10 and 72 stand objected to because of informalities. Claims 2 and 10 have been amended to correct these informalities. Further, claim 72 has been canceled without prejudice. Accordingly, Applicant requests withdrawal of the objection.

Claim Rejections - 35 U.S.C. § 102

Claims 1, 3, 8-13, 15, 18-20, 23, 25, 27-28, 30, 36, 38, 41, 43, 49-51, 54, 57 and 70-72 stand rejected under 35 U.S.C. § 102(e) as being anticipated by *Badrak, et al.*, 6,648,075. Applicant has canceled claims 71 and 72 without prejudice.

Claims 1 and 41 state that a first tubular has an internally profiled portion and a second tubular is expanded inside the first tubular. However, *Badrak, et al.* does not disclose such a configuration but rather teaches expanding an inner tubular into a round inner surface of an outer tubular. Therefore, Applicant submits *Badrak, et al.* fails to teach, show or suggest each and every element of claim 1 or claim 41. Applicant

Page 13

427822_1.DOC

PATENT

Atty. Dkt. No. CRUI/0025

further submits that claims 1 and 41 and all claims dependent thereon are allowable and requests allowance thereof.

Claims 1, 3, 8-12, 15, 18-20, 23-25, 30, 36, 38, 41, 43, 49-51, 54, 57 and 70-72 stand rejected under 35 U.S.C. § 102(e) as being anticipated by *Baugh, et al.*, 6,446,724. Applicant has canceled claims 71 and 72 without prejudice.

Regarding claims 1 and 41, *Baugh, et al.* does not teach, show, or suggest that a first tubular has an internally profiled portion and a second tubular is expanded inside the first tubular. In confirming this deficiency, the Examiner states that *Baugh, et al.* "does not disclose the first tubular having an internal profiled portion such that the second tubular can overlap the profiled portion." Applicant further submits that claims 1 and 41 and all claims dependent thereon are allowable and requests allowance thereof.

Claims 1, 3, 8, 11-12, 15, 18-20, 25, 36, 41, 43, 49-50, 52, 54, 58 and 70-71 stand rejected under 35 U.S.C. § 102(e) as being anticipated by *Simpson, et al.*, 6,598,678.

Claims 1 and 41 state that a first tubular has an internally profiled portion and a second tubular is expanded inside the first tubular. However, *Simpson, et al.* does not disclose such a configuration but rather teaches expanding an inner tubular into a round inner surface of an outer tubular. Therefore, Applicant submits *Simpson, et al.* fails to teach, show or suggest each and every element of claim 1 or claim 41. Applicant further submits that claims 1 and 41 and all claims dependent thereon are allowable and requests allowance thereof.

Claims 71-74, 80, and 83 are rejected under 35 U.S.C. § 102(b) as being anticipated by European Patent EP 0952306 to *Lohbeck*. In response, these claims have been canceled without prejudice.

Claims 71-72 and 75 are rejected under 35 U.S.C. § 102(b) as being anticipated by British Patent GB2345308 to *Metcalfe, et al.* In response, these claims have been canceled without prejudice.

Page 14

427822_1.DOC

PATENT

Atty. Dkt. No. CRUI/0025

Claim Rejections - 35 U.S.C. § 103

Claims 2, 16, 30, 39, 42, 44, 62, 81 and 82 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Baugh* '734 in view of British Patent GB2345308 to *Metcalfe, et al.* Claims 81 and 82 have been canceled without prejudice.

The Examiner states "it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the first tubular disclosed by *Baugh* to have a profiled section as taught by *Metcalfe*." However, *Metcalfe, et al.* has profiles (reference numbers 10 and 17 in Figure 1) provided for enhanced hanging and sealing and not for providing a flow path between the tubulars. Therefore, Applicant submits that *Baugh* in view of *Metcalfe, et al.* fails to teach, show or suggest "expanding a portion of the second tubular to create a coupling including a flow passage within the profiled portion of the first tubular and the second tubular," as recited in claim 1. Further, *Baugh* in view of *Metcalfe, et al.* fails to teach, show or suggest "a first tubular having an internally profiled portion" such that "a coupling between an expanded portion of the second tubular and the first tubular surrounding the expanded portion includes at least one flow passage along the profiled portion," as recited in claim 41. Consequently, *Baugh* in view of *Metcalfe, et al.* cannot render claim 1 or claim 41 obvious. Accordingly, Applicant that claims 2, 16, 30, 39, 42, 44, and 62 which depend from claims 1 and 41 are also in condition for allowance and request allowance thereof.

Claims 30, 40, 55-56, 59-60, and 67 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Baugh* '734 in view of *Lohbeck* '306.

The Examiner states "it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the first tubular disclosed by *Baugh* to have the profiled portion as taught by *Lohbeck*." However, the proposed modification would render *Baugh* unsatisfactory for its intended purpose. *Lohbeck* discloses a foldable tube with hinges that inherently run the length of the tube in order to facilitate bending of the tube which occurs across its length. If these hinges hypothetically provide a flow path, then modification of casing disclosed in *Baugh* to utilize the foldable tube taught in *Lohbeck* prevents a liner hanger in *Baugh* from performing the recited function of

Page 15

427822_1.DOC

PATENT
Atty. Dkt. No. CRUI0025

sealing to the casing. Therefore, Applicant submits that *Baugh* in view of *Lohbeck* fails to render claim 1 or claim 41 obvious. Accordingly, Applicant that claims 30, 40, 55-56, 59-60, and 67 which depend from claims 1 and 41 are also in condition for allowance and request allowance thereof.

Claim 68 is rejected under 35 U.S.C. § 103(a) as being unpatentable over *Baugh* '734 in view of British Patent GB2345308 to *Metcalfe, et al.* as applied to claim 62 and further in view of *Lohbeck* '306.

Regarding claim 68, as stated above Applicant submits that claim 1 is in condition for allowance and thus claim 68 which depends therefrom is also in condition for allowance.

New Claims


Based at least on the foregoing discussion of the cited references, Applicant submits that claims 84-90 are allowable and requests allowance thereof. The cited references fail to teach, show or suggest a method of lining a drilled bore that includes providing a first tubular having an internally profiled portion and a round outer diameter, thereafter, locating the first tubular in the bore, providing an expandable, second tubular inside the first tubular, locating the second tubular in the bore overlapping the profiled portion of the first tubular, and expanding a portion of the second tubular to create a coupling including a flow passage within the profiled portion of the first tubular and the second tubular, as recited in claim 87. Further, the cited references fail to teach, show or suggest an apparatus for lining a bore that includes a first tubular having a first length with an internal profile and a second length with a non-profiled inner surface, and an expandable, second tubular disposed at least partially within the first tubular, wherein a coupling between an expanded portion of the second tubular and the first tubular includes at least one flow passage along the internal profile, as recited in claim 89.

PATENT
Atty. Dkt. No. CRUI/0025

Conclusion

Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed. In conclusion, the references cited by the Examiner, alone or in combination, do not teach, show, or suggest the invention as claimed.

Respectfully submitted,



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